FIG. 1

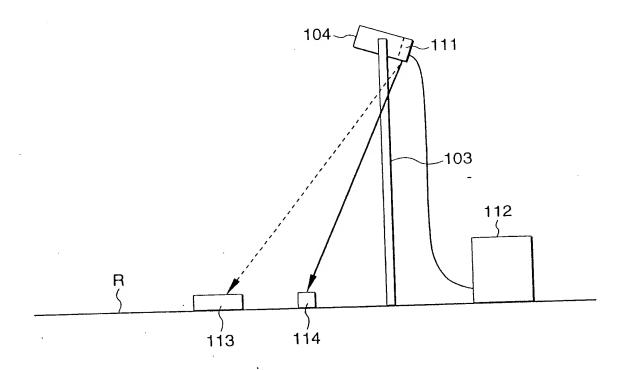


FIG. 2

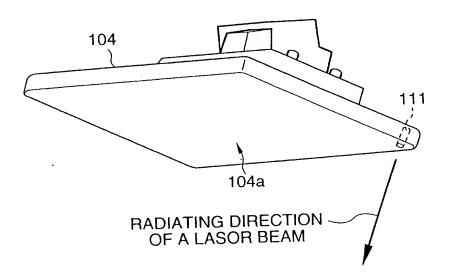


FIG. 3

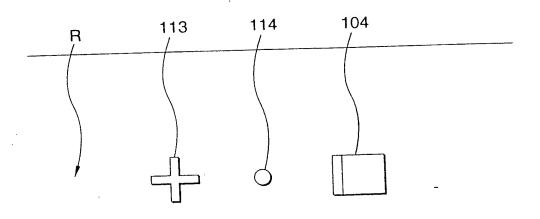
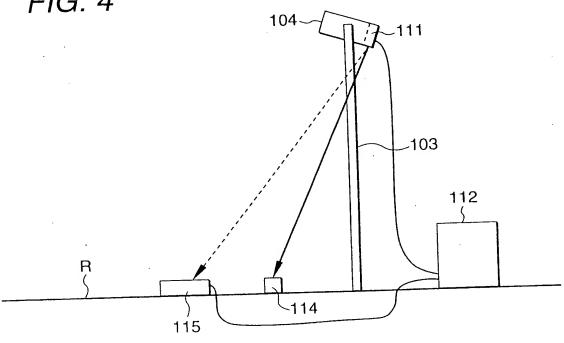
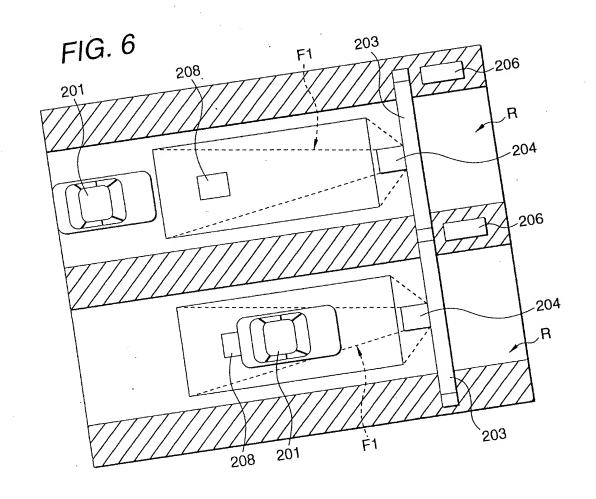


FIG. 4





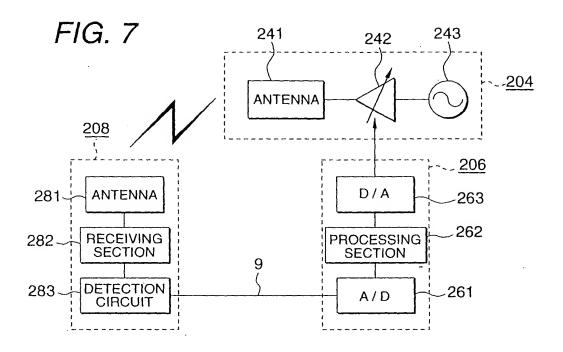
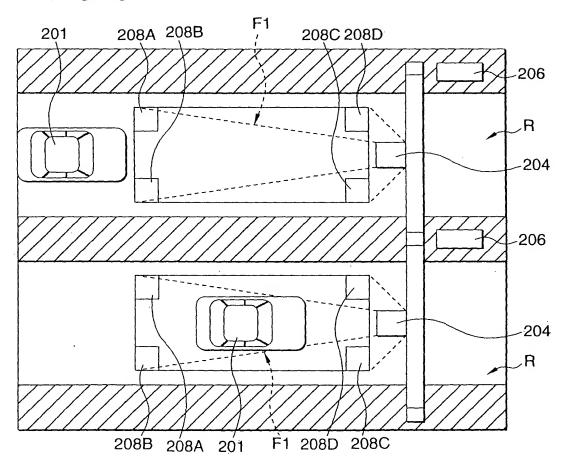
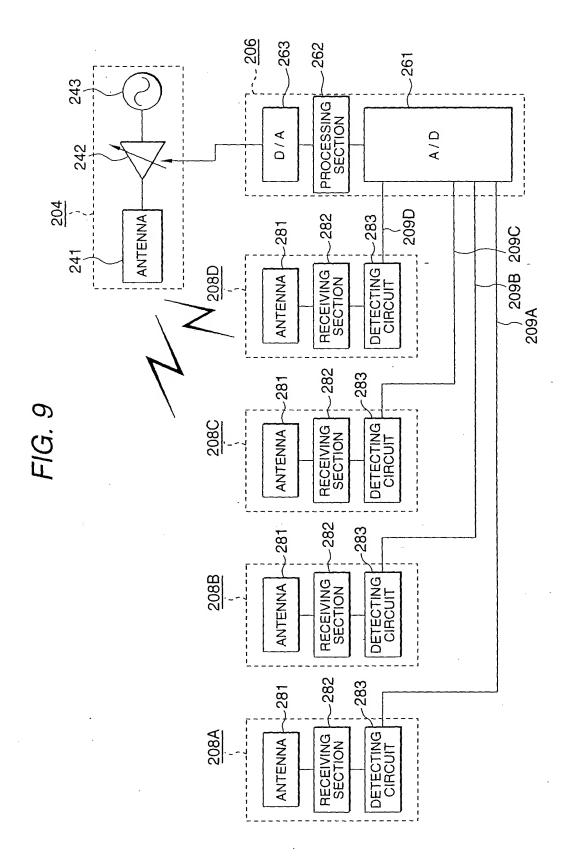


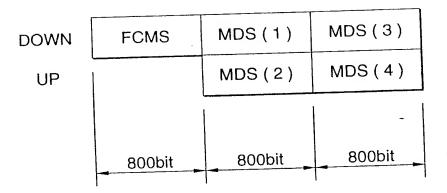
FIG. 8





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FIG. 11



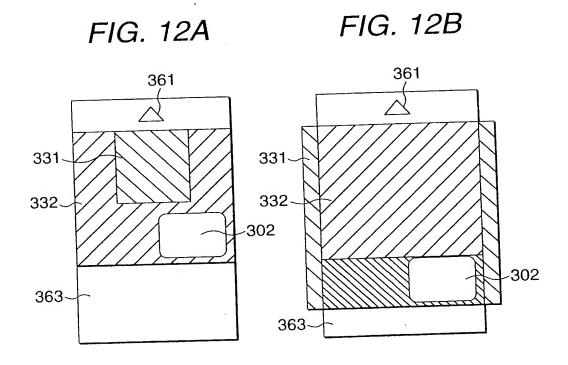


FIG. 13

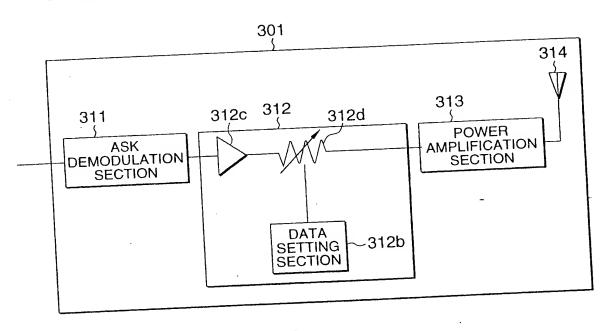


FIG. 14

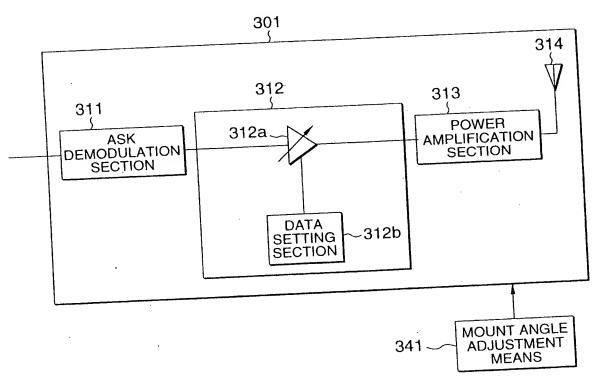


FIG. 15

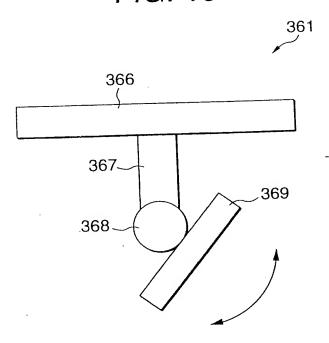
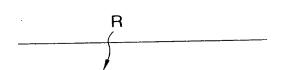


FIG. 16



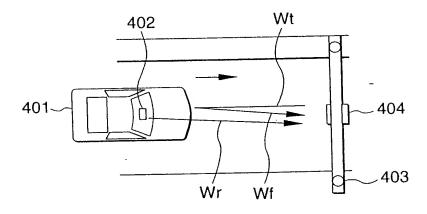
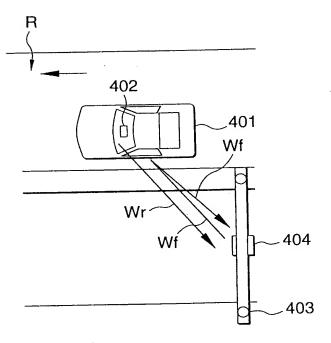


FIG. 17



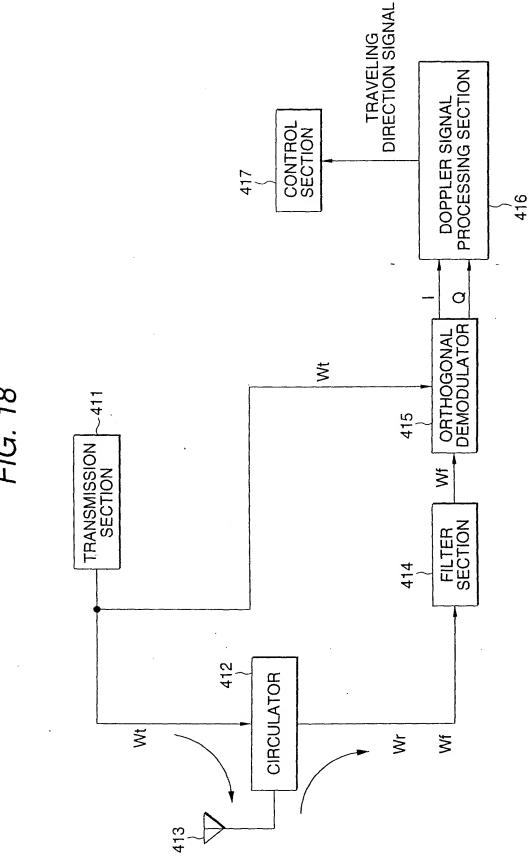


FIG. 19

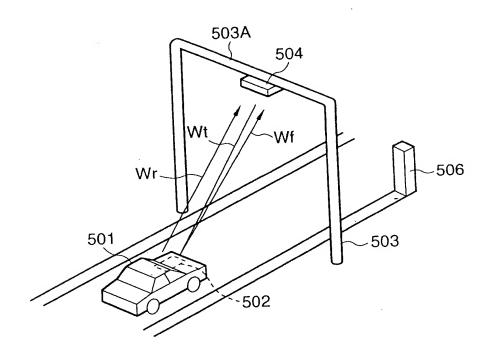
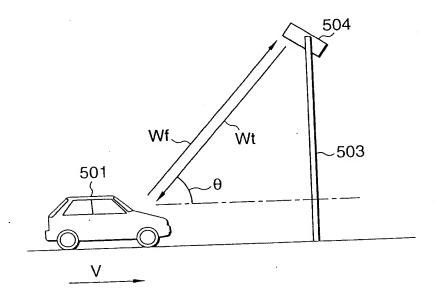


FIG. 20



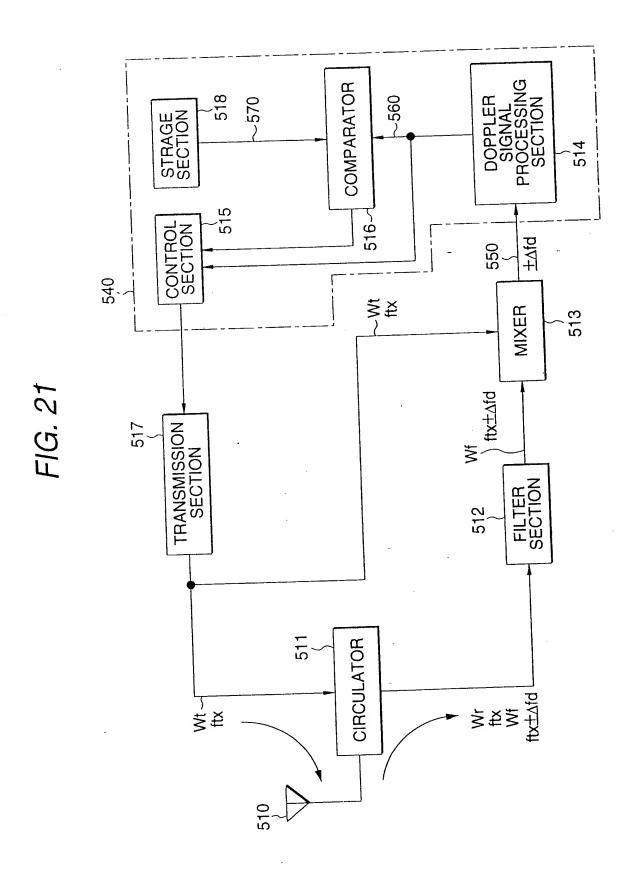


FIG. 22

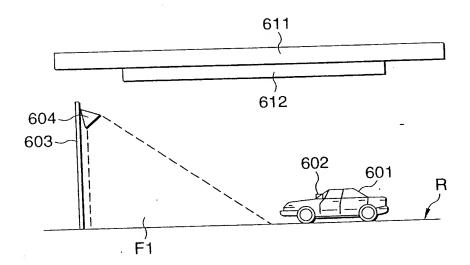


FIG. 23

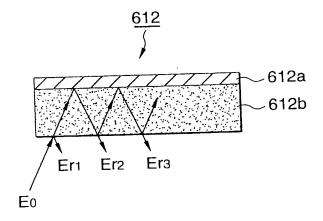


FIG. 24

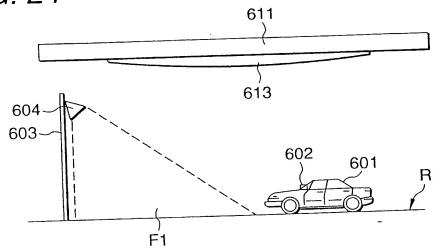


FIG. 25

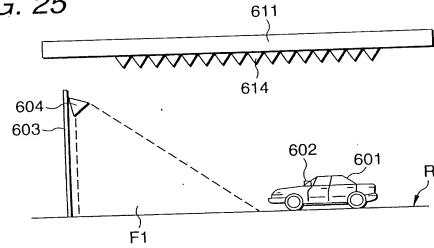


FIG. 26

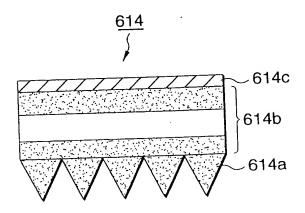


FIG. 27

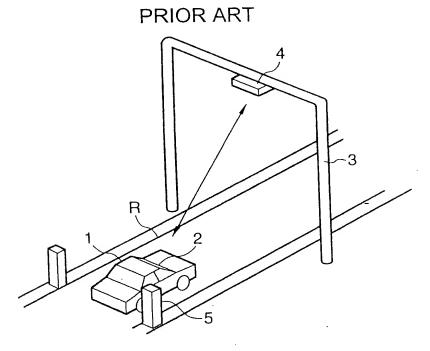


FIG. 28

PRIOR ART

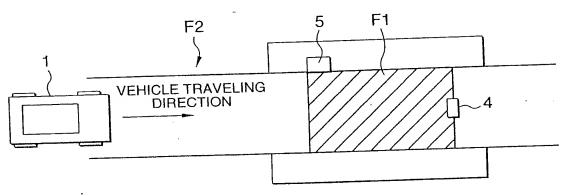


FIG. 29

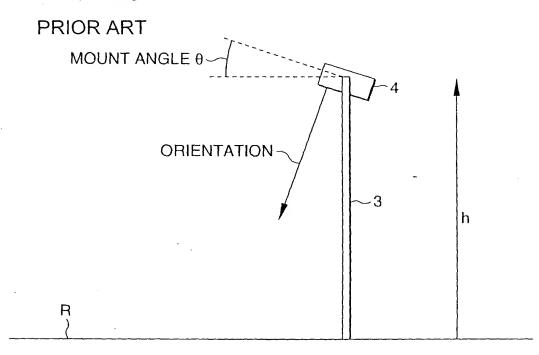


FIG. 30

PRIOR ART

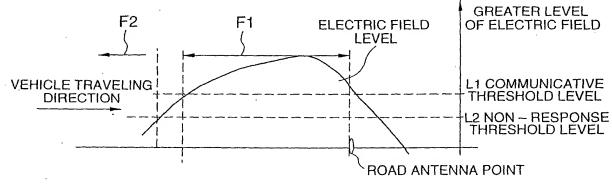
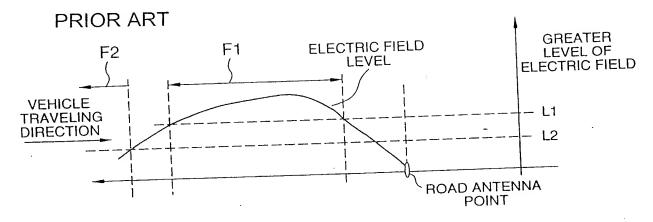


FIG. 31



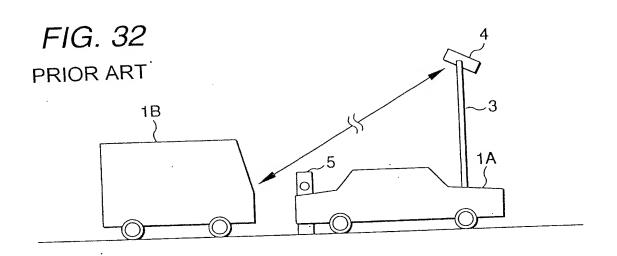


FIG. 33 PRIOR ART

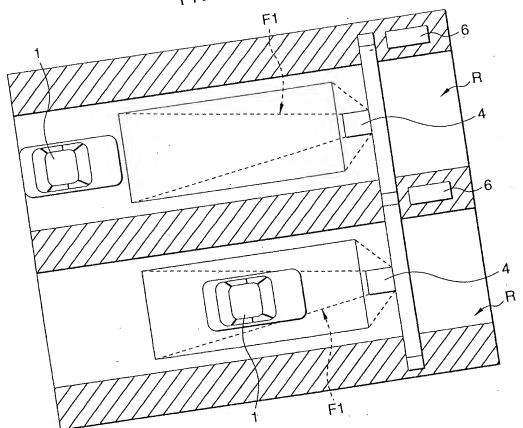


FIG. 34 PRIOR ART

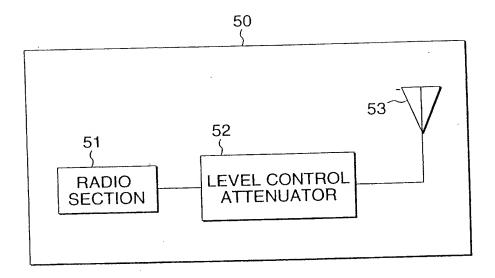


FIG. 35

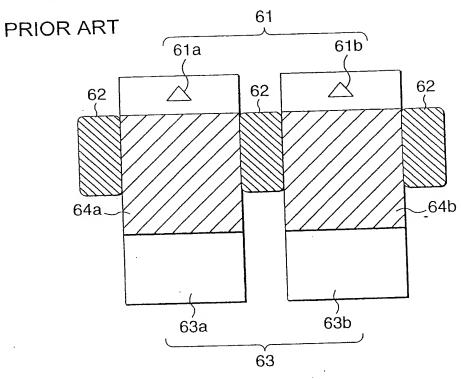


FIG. 36 PRIOR ART

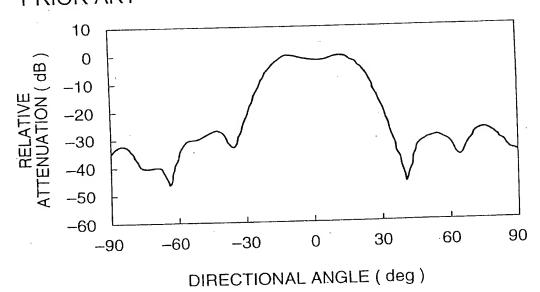


FIG. 37A PRIOR ART

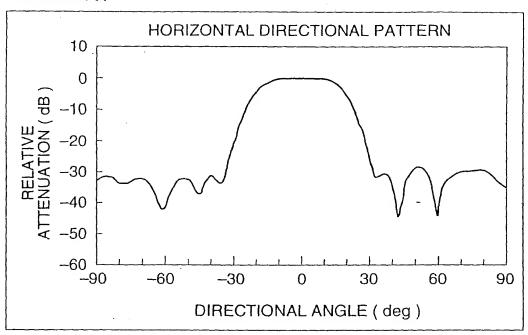


FIG. 37B PRIOR ART

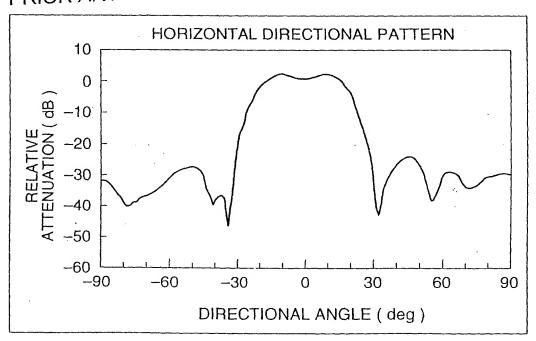
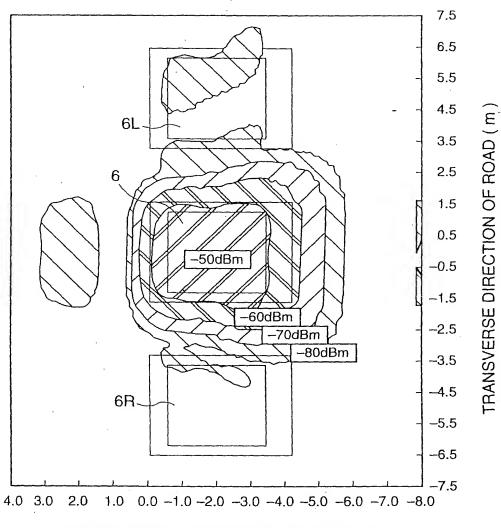


FIG. 38
PRIOR ART



LONGITUDINAL DIRECTION OF ROAD ( m )

FIG. 39
PRIOR ART

11

4
3
F1

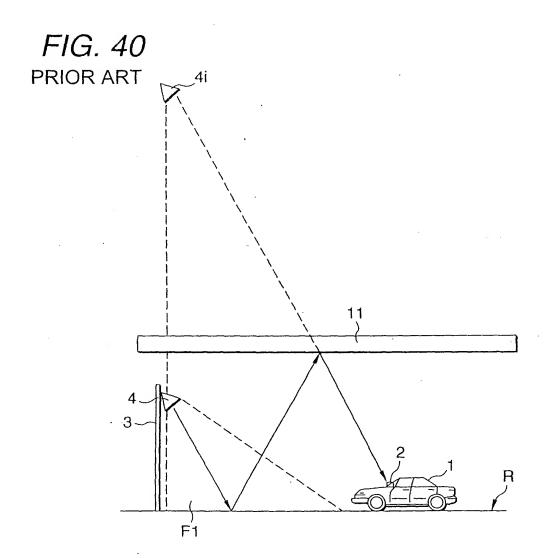
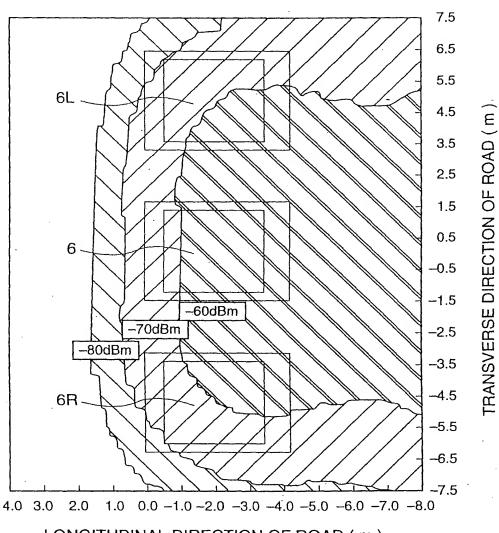


FIG. 41 PRIOR ART



LONGITUDINAL DIRECTION OF ROAD (  ${\sf m}$  )